Volume 194

A

Ahrendt GM, 278
Akasu H, 14
Al-Refaie WBH, 829
Alexander HR, 761
Alvarez MJ, 86
Ames FC, 54
Ando H, 544
Angle JF, S22
Anthony E, 391
Ardill W, 676
Arnaud J-P, 454
Aronson N, 813
Atkinson JLD, 782
Aube C, 454

B

Badillo AT, 477
Bailey SH, 147
Ballinger WE Jr, 674
Bandyk DF, S40
Barnatan MF, S88
Barquist ES, 401
Bartlett DL, 761
Becker GJ, S53
Becker SO, 315
Behari A, 137
Bell MD, 401
Bellanger DE, 232
Bellantone R, 610
Benenati JF, S53
Benevento A, 840
Best WR, 257, 398
Betton PO, 448
Bickels J, 422
Biester TW, 48
Billmire DF, 677
Blanchard RJW, 684
Bleichrodt RP, 388
Bloom MB, 463
Blumgart L, 550
Bochicchio GV, 101
Boni L, 840
Boom RPA, 40
Borecki IB, 267
Borgen P, 685
Boscherini M, 610
Boudjema K, 842
Brasel KJ, 541
Brems JJ, 731
Brennan MF, 436, 568
Brinkman W, 538
Bristow RE, 315
Buchholz TA, 54
Buchman TG, 267, 665
Buchwald H, 367
Buenaventura P, 23
Bukhalo M, 121
Burke L, 230
Buth J, S98
Butz DA, 102

C

Cabrini L, 840
Cacchione RN, 65
Cadeddu JA, 686
Cage DL, S22
Cairns BA, 230
Camargo DL, 274
Campbell MR, 802
Caron C, 454
Cassell J, 665
Chandler NM, 416
Chang R, 761
Cheung CH, 249
Civetta JM, 83
Clagett GP, 165
Claridge JA, 96
Clarke KD, 217
Clavien P-A, 249
Clayman RV, 687
Cochran C, 761
Cohen AM, 131
Cohn KA, 401
Cohn SM, 401
Collyer WC, 687
Connolly JE, 774
Copeland EM III, 584
Cosman BC, 829
Crawford FA Jr, 603
Criado FJ, S88
Curlee KJ, 126, 253
Cusick RA, 411

D

Daggett CW, 765
Dahm F, 249
Daley J, 257, 398
Davis RD Jr, 765
De Crea C, 610
de Jong D, 388
de Vries Reilingh TS, 388
Dedivitis RA, 274
Demakis JG, 257, 398
DeTurris SV, 65
DiFiore JW, 502
Ding JW, 731
Dionigi G, 840
Dionigi R, 840
Douglass HO Jr, 551
Doyle TJ, 8
Drebin JA, 746
Dresner SM, 285
Dunker S, 705
Dunn GP, 509

E

Easson AM, 225, 509
Eastwood D, 278
Ehlers JP, 746
Ellis RL, 547
Emond JC, 636
Escobar GP, 603
Evans SRT, 477, 615

F

Fa-Si-Oen P, 40
Fan ST, 592, 701
Farley DR, 126, 253
Fernando HC, 23
Ferrara JJ, 8
Ferreira LM, S58
Ferrón JA, 86
Ferzli GS, 65, 100
Field RJ Jr, 683
Filkins JP, 731
Fischer JE, 826
Fisher SG, 731
Forbes TL, 540
Freeman BD, 267
Fried PQ, 121
Fujitani RM, 774

G

Gabel M, 8
Gaca JG, 765
Gallot D, 448
Gamelli RL, 731
Garrote D, 86
Garvin PJ, 416
Gettman MT, 686
Girard B, 717
Gitelis S, 788
Goldblum JR, 502
Goldman CD, 557, 701
Goldstein M, 407
Gonzalez RP, 121
Gonzalez-Stawinski GV, 765
Gorden P, 761
Gosselin RC, 557
Graham DD, 411
Grant CS, 126, 253
Green DW, 746
Green GR, 387
Green RM, S67
Greenberg RK, S79
Griffin SM, 285
Guillem JG, 131
Guimarães AV, 274
Gwyn KM, 54

H

Haben CM, 217
Hagspiel KD, S22
Harris PL, S98
Hasselgren P-O, 740
Heimbach D, 156
Henderson WG, 257, 398
Hendrick JW, 603
Heniford BT, 674, 841
Hinshaw DB, 225
Hiotis SP, 131
Hirshberg B, 761
Ho HS, 557, 701
Hobson RW II, S9
Hodin RA, 298
Holt DR, 731
Hopkins LN, S15
Hortobagyi GN, 488
Hoyt DB, 335
Hsu HY, 705
Huffman J, 75, 107
Huffman JL, 509, 835
Hung M-C, 488
Hungness ES, 740, 745
Hunt KK, 54, 488
Hur K, 257, 398
Hyman N, 37

I

Igaki H, 578
Ikramuddin S, 23
Ivancev K, S74

J

Jaques DP, 568
Jaramillo DH, 401
Jarnagin W, 550
Jendrisak M, 240
Johnson DL, 225
Johnston WK III, 88
Jonasson O, 48
Jones JW, 657
Jones KL, 746
Jones RS, 111

K

Kaneko K, 544
Kapel N, 454
Kapoor VK, 137
Karoor S, 765
Karpeh M, 568
Kato H, 578
Katzen BT, S53
Kaufman HS, 315
Keleher AJ, 54
Kellar-Graney K, 422

Kern JA, S22
Kern KA, 681, 846
Khuri SF, 257, 398
Kitagawa W, 14
Kitamura Y, 14
Kollender Y, 422
Korn A, 813
Kreidl KO, 387
Krishnani N, 137
Krizek TJ, 352
Kron IL, S22
Krummel TM, 463
Kuerer HM, 54
Kuhls DA, 695
Kumar A, 137
Kumasaki T, 14
Kumita S, 14
Kwakwa F, 48

L

Lagios MD, 549
Lam K-Y, 711
Lau CL, 765
Laud P, 278
Lawrence PL, 774
Lebigot J, 454
LeBlanc KA, 232
Lechaux D, 842
Lee KF, 75, 107, 377, 398, 509
Lee W-P A, 324
Lee Y-M, 711
Leung DA, S22
Lewis FR Jr, 8
Libutti SK, 761
Lieberman MA, 93
Lillemoe KD, 759
Linehan D, 746
Lingblad B, S74
Lingelbach LM, S88
Liu S-I, 298
Livi A, 761
Ljung B-M, 648
Lo C-Y, 711
Logan JS, 765
Lombardi CP, 610
London ET, 88
Losanoff JE, 657
Love SD, 765
Lowell JA, 240
Lucas DG, 603
Luchette FA, 740
Luketich JD, 23
Lumsden AB, 538
Lyons WS, 103

M

Maas SM, 388
Majeski J, 391 Malafosse M, 448
Malawer MM, 422
Malina M, S74
Malone DL, 695
Mannick JA, 104
Mansilla A, 86
Marsh RW, 584
Martel P, 448
Martin RCG, 568
Mathur SK, 247
Matsumoto AH, S22
Matthews BD, 674, 841
McCarter RJ, 695
McGrath SD, 267
McKenney MG, 401
McKinnon W, 547
Megevand J-M, 842
Meller I, 422
Mendenhall WM, 584
Mercado M-A, 247
Meric F, 488
Merrill WH, 617
Milch RA, 509
Mills JD, S88
Minsky BD, 131
Mistry BM, 416
Mitchell KM, 151
Moazzam FN, 731
Mokadam NA, 746
Mone MC, 147
Montz FJ, 315
Moreno JD, 792
Morgan WR, S88
Morgenstern L, 306
Morrow M, 648
Mosenthal AC, 75, 107, 377, 398, 509
Mostafa G, 841
Mourlas NJ, 463
Mózes G, 126, 253
Mukherjee R, 603
Mungara A, 65

N

Nagahama M, 14
Najibi S, 538
Nakanishi Y, 578
Nance ML, 394
Napolitano LM, 695
Nathanson SD, 846
Nelms CD, 674
Nelson EW, 147
Ng JWT, 99
Ng WT, 249
Nguyen NT, 557, 701
Noach LA, 40
North DL, 100

O

O'Bryan RM, 8
O'Connel PR, 87
O'Connor LT Jr, 407
O'Hanlon DM, 87
O'Shaughnessy JA, 648
Obertop H, 28
Oh C-K, 96
Ong AW, 401
Orloff MJ, 717, 729
Orloff MS, 717
Orloff SL, 717
Orozco H, 247
Oshina T, 14
Otterson MF, 278
Ouriel K, S1, S32

P

Parbhu R, 401
Parker W, 765
Parodi JC, S53
Paty PB, 131
Pearman T, 547
Pecoraro A, 65
Peizoto GL, 274
Pelletier SJ, 96
Perez RB, 88
Perler BA, S2
Pessaux P, 454
Peterse JL, 40
Phelan M, 257, 398
Phillips EH, 93
Pittinger TP, 411
Plested WG, 101
Poon R T-P, 592, 701
Powell A, S53
Pruett TL, 96

R

Raab R, 550
Raffaelli M, 610
Ramachandran V, 240
Raoul J-L, 842
Rappaport JM, 217
Raptopoulos V, 298
Rasmussen J, 541
Ray SE, 665
Redlich PN, 278
Regenet N, 454
Reitsma AM, 792
Resch T, S74
Rich PB, 230
Richards BE, S88
Richman BW, 657
Rietra PJGM, 40
Rikkers LF, 728
Ringer AJ, S15
Ritchie WP Jr, 48
Robb BW, 740
Roozrokh HC, 231
Rosenblatt M, 23
Rosenthal RJ, 93
Rowland CM, 126, 253

S

Sacchini V, 685
Sadun AO, 705
Sahin AA, 54
Saltz LB, 131
Salzberg AD, 463
Sample JA, 603
Sanfey HA, 96
Sarani B, 477
Sava J, 142
Sawin RS, 411
Sawyer RG, 96
Saxena R, 137
Scalea TM, 101
Schauer PR, 23
Schell SR, 584
Schultz DJ, 541
Sebag J, 705
Seeskin C, 740
Seidenfeld J, 813
Selzner M, 249
Shah SR, 247
Shaker T, 761
Shaw IH, 285
Shenoy S, 240
Shimizu K, 14
Shlansky-Goldberg R, S103
Siewert B, 298
Sikora SS, 137
Silverstein MJ, 549
Sing RF, 674, 841
Singh A, 557
Singletary SE, 54, 202, 253
Skarulis MC, 761
Skinner DB, 1
Smith RB III, 538
Smith SD, 394
Smits GJ, 603
Soonawalla ZF, 247
Spinal FG, 603
Spinelli KS, 541
Spinosa DJ, S22
Stafford PW, 394
Stahlfeld KR, 231
Stelling CB, 54
Stojadinovic A, 436
Stolier A, 681
Strasberg SM, 746, 760
Sugiura T, 578
Suhoki P, 249
Szymanski W, 8

T

Tabrizi AR, 267
Tachimori Y, 578
Taheri PA, 102
Tam PKH, 711
Tanaka S, 14
Tarpley JL, 642
Tarpley MJ, 642

ten Kate FJW, 28, 107
Terramani TT, 538
Thayer WP, 96
Theriault RL, 54
Thompson GB, 126, 253
Thourani VH, 538
Tijssen JGP, 28
Tjoe J, 278
Tomacruz R, 315
Toutouzas KG, 142
Traini E, 610
Tribble CG, S22
Tsuda M, 544
Tuech J-J, 454
Tuttle-Newhall JE, 249

V

Valentine RJ, 151
van der Ent F, 685
van Geldere D, 40
van Goor H, 388
van Heerden JA, 126, 253
van Lanschot JJB, 28, 107
van Marrewijk, S98
van Sandick JW, 28, 107
Varnhold H, 550
Vassiliu P, 142
Vauthey JN, 584
Velanovich V, 8
Velmahos GC, 142
Villar JM, 86
Villegas MT, 86
Vogel V, 648

W

Wagholikar GD, 137
Wagman R, 131
Wald A, 23
Waldhausen JHT, 411
Walker AP, 278
Walker EM, 8
Wan K-Y, 711
Warshaw AL, 744
Wax ML, 665
Weber S, 550
Weber SM, 131
Weigelt JA, 541
Weimann A, 550
Weiner RS, 547
Weissman L, 274
White R, 674
Wilson SE, 774
Wittekind C, 550
Wittig JC, 422
Wolfe BM, 557
Wong CW, 249
Wong J, 592, 701
Wong WD, 131
Wren SM, 387

Y

Yamaguchi H, 578
Yeh A, 436
Yong SL, 731

Z

Zehnbauer BA, 267
Zemel G, S53
Zlotecki RA, 584

Volume 194

A

ABLATION
Radiofrequency Ablation of Unresectable Primary Liver Cancer (Collective Review); 813 (Invited Commentary; 826)

ACADEMIC HEALTH SYSTEMS
The Degrees of Difficulty in the University Hospital Appendectomy (Editorial); 615
Evolution of an Academic Medical Center to an Academic Health System; 1

ACNE INVERSA
Mammillary Fistula as a Manifestation of Acne Inversa (Hidradenitis Suppurativa): Report of Two Cases (Collective Review); 829

ADMINISTRATIVE DATABASES
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

AMERICAN COLLEGE OF SURGEONS
Statement on Principles Guiding Care at the End of Life; 74, 224, 376, 508, 664, 834

ANTIBIOTICS
Topical Perioperative Antibiotic Prophylaxis for Minor Clean Inguinal Surgery; 407

ANTIPLATELETS
Combination Therapy in Peripheral Vascular Disease: The Rationale of Using Both Thrombolytic and Antiplatelet Drugs; S103

ANTIREFLUX SURGERY
Quality of Life after Antireflux Surgery Compared with Nonoperative Management for Severe Gastroesophageal Reflux Disease; 23

AORTA
Inferior Mesenteric Artery Reimplantation Does Not Guarantee Colon Viability in Aortic Surgery; 151
Middle Aortic Syndrome: Distal Thoracic and Abdominal Coarctation: A Disorder with Multiple Etiologies; 774

AORTIC ANEURYSM
Abdominal Aortic Aneurysm: Overview of Stent-Graft Devices; S88
Abdominal Aortic Endografting: Fixation and Sealing; S79
Causes and Outcomes of Open Conversion and Aneurysm Rupture after Endovascular Abdominal Aortic Aneurysm Repair: Can Type II Endoleaks Be Dangerous?; S98
The Evolution of Z Stent-Based Stent Grafts for Endovascular Aneurysm Repair: A Life-Table Analysis of 7.5-Year Followup; S74
Patient Selection for Endovascular Abdominal Aortic Aneurysm Repair; S67
Ten-Year Experience with Endovascular Therapy in Aortic Aneurysms; S58
What's New in Cardiac Surgery; 631
What's New in Vascular Surgery; 169

APOPTOSIS
Endotoxin Potentiates Hepatocyte Apoptosis in Cholestasis; 731

APPENDECTOMY
The Degrees of Difficulty in the University Hospital Appendectomy (Editorial); 615
Factors Associated with Conversion to Laparotomy in Patients Undergoing Laparoscopic Appendectomy; 298

ARRHYTHMIA
What's New in Cardiac Surgery; 620

ARTERIAL OCCLUSIVE DISEASE
Thrombolytic Therapy for Acute Arterial Occlusion; S32
What's New in Vascular Surgery; 176

ASTHENIA
Palliative Care by the Surgeon: How to Do It; 522

AUTOTRANSPLANTATION
Renal Autotransplantation for Renovascular Hypertension: Extraperitoneal Renal Approach and Use of the Ovarian Vein for Vascular Reconstruction; 88
Trial of Autotransplantation of Cryopreserved Thyroid Tissue for Postoperative Hypothyroidism in Patients with Graves' Disease; 14

B

BARIATRIC SURGERY
Overview of Bariatric Surgery; 367

BILIARY TRACT
Intrahepatic Cholangiocarcinoma (Letter); 550
Perihilar Cancer (Letter); 551

BIOPSY
Does Breast Tumor Location Influence Success of Sentinel Lymph Node Biopsy?; 278
Surgical Approach to Internal Mammary Lymph Node Biopsy (Letter); 685

BLOOD CULTURES
Optimizing the Use of Blood Cultures in the Febrile Postoperative Patient (Collective Review); 477, 555

BONE GRAFT SUBSTITUTES
What's New in Orthopaedic Surgery; 788

BRAIN PROTECTION
What's New in Cardiac Surgery; 629

BREAST NEOPLASMS
Breast Lymphatic Mapping Using Blue Dye and Radiocolloid (Letter); 681
Causes for the Undertreatment of Elderly Breast Cancer Patients: Tailoring Treatments to Individual Patients; 8
Does Breast Tumor Location Influence Success of Sentinel Lymph Node Biopsy?; 278
Evaluation and Management of the Woman with an Abnormal Ductal Lavage (Collective Review); 648
HER2/*neu* in the Management of Invasive Breast Cancer (Collective Review); 488, 555
International Consensus Conference on Breast Cancer (Letter); 547
Lymphscintigraphic Anatomy of Sentinel Lymphatic Channels (Letter); 846
Multidisciplinary Management of Breast Cancer Concurrent with Pregnancy (Collective Review); 54
Psychooncology in Breast Cancer Treatment (Letter); 547
Surgical Approach to Internal Mammary Lymph Node Biopsy (Letter); 685
A Working Model for the Time Sequence of Genetic Changes in Breast Tumorigenesis (Collective Review); 202, 254

BRUCELLOSIS
Hepatic Brucelloma (Image); 86

BURNS
What's New in General Surgery: Burns and Metabolism; 156
What's New in Plastic Surgery; 331

C

CACHEXIA
Palliative Care by the Surgeon: How to Do It; 522

CANDIDIASIS
Disseminated Hepatic Candidiasis; 231

CARBON MONOXIDE POISONING
What's New in General Surgery: Burns and Metabolism; 158

CARDIAC SURGERY
What's New in Cardiac Surgery; 617

CARDIOPULMONARY BYPASS
What's New in Cardiac Surgery; 629

CAROTID ARTERY
Carotid Body Tumors (Image); 538
Carotid Endarterectomy: The "Gold Standard" in the Endovascular Era; S1
Traumatic Carotid Cavernous Fistula (Image); 841
Update on the Carotid Revascularization Endarterectomy Versus Stent Trial (CREST) Protocol; S9

CELLULAR TRANSPLANTATION
What's New in Transplantation; 638

CEREBROVASCULAR DISEASE
What's New in Neurological Surgery; 783
What's New in Vascular Surgery; 165

CHEMOTHERAPY, ADJUVANT
Assessing the Predictive Value of Clinical Complete Response to Neoadjuvant Therapy for Rectal Cancer: An Analysis of 488 Patients; 131
Transanal Excision of Locally Advanced Rectal Cancers Downstaged Using Neoadjuvant Chemoradiotherapy; 584 (Invited Commentary; 590) (Reply; 591)

CHEST TUBES
Removal of Chest Tubes in Children Without Water Seal after Elective Thoracic Procedures: A Randomized Prospective Study; 411

CHOLANGIOCARCINOMA
Intrahepatic Cholangiocarcinoma (Letter); 550

CHOLECYSTECTOMY
Early Gallbladder Cancer; 137

CHOLESTASIS
Endotoxin Potentiates Hepatocyte Apoptosis in Cholestasis; 731

CHRONIC PAIN
Palliative Care by the Surgeon: How to Do It; 511

CLINICAL EXAMINATION
The Utility of Clinical Examination in Screening for Pelvic Fractures in Blunt Trauma; 121

CLOSTRIDIUM
Intravascular Hemolysis from a *Clostridium perfringens* Liver Abscess (Image); 387

COARCTATION
Middle Aortic Syndrome: Distal Thoracic and Abdominal Coarctation: A Disorder with Multiple Etiologies; 774

CODING
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

COLON
Complex Fistulae in Crohn's Disease (Image); 87
Crohn's Colitis: Experience with Segmental Resections; Results in a Series of 84 Patients; 448
Hernia of Right Colon and Cecum Through the Foramen of Winslow and Lesser Omentum (Image); 230
Inferior Mesenteric Artery Reimplantation Does Not Guarantee Colon Viability in Aortic Surgery; 151

COLORECTAL NEOPLASMS
Assessing the Predictive Value of Clinical Complete Response to Neoadjuvant Therapy for Rectal Cancer: An Analysis of 488 Patients; 131
Gynecologic Abnormalities in Surgically Treated Women with Stage II or III Rectal Cancer; 315
Transanal Excision of Locally Advanced Rectal Cancers Downstaged Using Neoadjuvant Chemoradiotherapy; 584 (Invited Commentary; 590) (Reply; 591)

COLORECTAL SURGERY
Complications after Colorectal Surgery Without Mechanical Bowel Preparation; 40
How Much Colorectal Surgery Do General Surgeons Do?; 37

COLOSTOMY
Laparoscopic Repair of Paraostomy Hernias: Early Results; 232

CONGENITAL ANOMALIES
Dextrogastria (Image); 676
Thoracoabdominal Esophageal Duplication Cyst (Image); 674
Tracheal Agenesis (Collective Review); 217
What's New in Cardiac Surgery; 627

CONTRAST NEPHROPATHY
Is Contrast as Bad as We Think? Renal Function after Angiographic Embolization of Injured Patients; 142

CORONARY ARTERY BYPASS
What's New in Cardiac Surgery; 621

CRANIOFACIAL AND BONE BIOLOGY
What's New in Plastic Surgery; 326

CRITICAL CARE
What's New in General Surgery: Trauma and Critical Care; 344

CROHN'S DISEASE
Complex Fistulae in Crohn's Disease (Image); 87
Crohn's Colitis: Experience with Segmental Resections; Results in a Series of 84 Patients; 448

D

DEBRIDEMENT
Early Debridement for Necrotizing Pancreatitis: Is It Worthwhile?; 740 (Invited Commentary; 744) (Reply; 745)

DIAGNOSTIC CATEGORIES
DRG System (Letter); 101

DYSPNEA
Management of Dyspnea at the End of Life: Relief for Patients and Surgeons; 377, 400
Palliative Care by the Surgeon: How to Do It; 518

E

EDITORIALS
The Degrees of Difficulty in the University Hospital Appendectomy (Editorial); 615

ELDERLY
Causes for the Undertreatment of Elderly Breast Cancer Patients: Tailoring Treatments to Individual Patients; 8

ELECTROMECHANICAL DEVICES
Microelectrical Mechanical Systems in Surgery and Medicine; 463

EMBOLIZATION, ANGIOGRAPHIC
Is Contrast as Bad as We Think? Renal Function after Angiographic Embolization of Injured Patients; 142

ENDOSCOPY
Endoscopically Assisted "Components Separation Technique" for the Repair of Complicated Ventral Hernias; 398

ENDOVASCULAR PROCEDURES
Abdominal Aortic Aneurysm: Overview of Stent-Graft Devices; S88
Abdominal Aortic Endografting: Fixation and Sealing; S79
Carotid Endarterectomy: The "Gold Standard" in the Endovascular Era; S1
Causes and Outcomes of Open Conversion and Aneurysm Rupture after Endovascular Abdominal Aortic Aneurysm Repair: Can Type II Endoleaks Be Dangerous?; S98
Endovascular Treatment of Acute Stroke; S15
The Evolution of Z Stent-Based Stent Grafts for Endovascular Aneurysm Repair: A Life-Table Analysis of 7.5-Year Followup; S74
Infrainguinal Vein Bypass Graft Surveillance: How to Do It, When to Intervene, and Is It Cost-Effective?; S40
Patient Selection for Endovascular Abdominal Aortic Aneurysm Repair; S67
Percutaneous Transluminal Angioplasty and Stenting in the Treatment of Chronic Mesenteric Ischemia: Results and Longterm Followup; S22
Percutaneous Ultrasound-Guided Thrombin Injection for the Treatment of Pseudoaneurysms; S53
Ten-Year Experience with Endovascular Therapy in Aortic Aneurysms; S58
Thrombolytic Therapy for Acute Arterial Occlusion; S32
Update on the Carotid Revascularization Endarterectomy Versus Stent Trial (CREST) Protocol; S9

ENTEROCUTANEOUS FISTULAS
Porcine Small Intestinal Submucosa as a Treatment for Enterocutaneous Fistulas; 541

ESOPHAGECTOMY
Early Complications after Ivor Lewis Subtotal Esophagectomy with Two-Field Lymphadenectomy: Risk Factors and Management; 285
Indicators of Prognosis after Transhiatal Esophageal Resection Without Thoracotomy for Cancer; 28, 109
Secondary Primary Carcinoma in the Gastric Tube Constructed as an Esophageal Substitute after Esophagectomy; 578

ESOPHAGUS
Bleeding Esophagogastric Varices from Extrahepatic Portal Hypertension: 40 Years' Experience with Portal-Systemic Shunt; 717 (Invited Commentary; 728) (Reply; 729)
Primary Melanoma of the Esophagus (Image); 840
Thoracoabdominal Esophageal Duplication Cyst (Image); 674

ETHICS
Ethical Regulations for Innovative Surgery: The Last Frontier?; 792
Ethics and Philosophy Lecture: Surgery...Is It an Impairing Profession?; 352
What's New in Transplantation; 636

EXTRAHEPATIC PORTAL HYPERTENSION
Bleeding Esophagogastric Varices from Extrahepatic Portal Hypertension: 40 Years' Experience with Portal-Systemic Shunt; 717 (Invited Commentary; 728) (Reply; 729)

EYE
Perioperative Risk Factors for Posterior Ischemic Optic Neuropathy; 705

F

FEVER
Optimizing the Use of Blood Cultures in the Febrile Postoperative Patient (Collective Review); 477, 555

FLAP PHYSIOLOGY
What's New in Plastic Surgery; 329

G

GALLBLADDER NEOPLASMS
Early Gallbladder Cancer; 137

GASTRECTOMY
Achieving RO Resection for Lo-

cally Advanced Gastric Cancer: Is It Worth the Risk of Multiorgan Resection?; 568

GASTRIC BYPASS
Systemic Stress Response after Laparoscopic and Open Gastric Bypass; 557, 701 (Invited Commentary; 566) (Reply; 566)

GASTROESOPHAGEAL REFLUX
Quality of Life after Antireflux Surgery Compared with Nonoperative Management for Severe Gastroesophageal Reflux Disease; 23

GASTROINTESTINAL SYSTEM
Bleeding Esophagogastric Varices from Extrahepatic Portal Hypertension: 40 Years' Experience with Portal-Systemic Shunt; 717 (Invited Commentary; 728) (Reply; 729)
Crohn's Colitis: Experience with Segmental Resections; Results in a Series of 84 Patients; 448
Dextrogastria (Image); 676
Hernia of Right Colon and Cecum Through the Foramen of Winslow and Lesser Omentum (Image); 230
Inferior Mesenteric Artery Reimplantation Does Not Guarantee Colon Viability in Aortic Surgery; 151
Inflammatory Myofibroblastic Tumor of the Small Intestine (Collective Review); 502
Overview of Bariatric Surgery; 367
Palliative Care by the Surgeon: How to Do It; 518
Permeability and Functionality of Pancreaticogastrostomy after Pancreaticoduodenectomy with Dynamic Magnetic Resonance Pancreatography after Secretin Stimulation; 454
Porcine Small Intestinal Submucosa as a Treatment for Enterocutaneous Fistulas; 541
Prospective Trial of a Blood Supply-Based Technique of Pancreaticojejunostomy: Effect on Anastomotic Failure in the Whipple Procedure; 746 (Invited Commentary; 759) (Reply; 760)
Secondary Primary Carcinoma in the Gastric Tube Constructed as an Esophageal Substitute after Esophagectomy; 578
Thoracoabdominal Esophageal Duplication Cyst (Image); 674
"Whorl Sign" or "Whirl Sign"? (Letter); 249

GENE THERAPY
What's New in Cardiac Surgery; 618

GENERAL SURGERY
Career Pathways of Graduates of General Surgery Residency Programs: An Analysis of Graduates from 1983 to 1990; 48
How Much Colorectal Surgery Do General Surgeons Do?; 37
What's New in General Surgery: Trauma and Critical Care; 335

GENETICS
The Frequency and Effects of Cytochrome P450 (CYP) 2C9 Polymorphisms in Patients Receiving Warfarin; 267
HER2/*neu* in the Management of Invasive Breast Cancer (Collective Review); 488, 555
A Working Model for the Time Sequence of Genetic Changes in Breast Tumorigenesis (Collective Review); 202, 254

GOVERNMENT
Medicine, Government, and Policy; 111

GYNECOLOGY
Gynecologic Abnormalities in Surgically Treated Women with Stage II or III Rectal Cancer; 315

H

HEAD INJURY
What's New in Neurological Surgery; 784

HEALTH CARE SYSTEM(S)
Evolution of an Academic Medical Center to an Academic Health System; 1
Medicine, Government, and Policy; 111

HEART FAILURE
Cardiorenal Effects of Adenosine Subtype 1 (A_1) Receptor Inhibition in an Experimental Model of Heart Failure; 603
What's New in Cardiac Surgery; 624

HEART TRANSPLANTATION
What's New in Cardiac Surgery; 626
What's New in Transplantation; 638

HEMODIALYSIS
What's New in Vascular Surgery; 191

HERNIA
Endoscopically Assisted "Components Separation Technique" for the Repair of Complicated Ventral Hernias; 398
Hernia of Right Colon and Cecum Through the Foramen of Winslow and Lesser Omentum (Image); 230
Laparoscopic Herniorrhaphy: Beyond the Learning Curve (Collective Review); 65
Laparoscopic Repair of Paraostomy Hernias: Early Results; 232
Laparoscopic Ventral and Incisional Hernia Repair: A Simplified Method of Mesh Placement; 93
New Surgical Procedure for Sliding Inguinal Hernia Repair in Female Infants and Girls; 544
Obturator Hernia (Collective Review); 657
A Technique for the Repair of Giant Umbilical Hernia in Children; 677
Topical Perioperative Antibiotic Prophylaxis for Minor Clean Inguinal Surgery; 407

HIDRADENITIS SUPPURATIVA
Mammillary Fistula as a Manifestation of Acne Inversa (Hidradenitis Suppurativa): Report of Two Cases (Collective Review); 829

HIV
What's New in Cardiac Surgery; 630

HYDRATION
The Paradox of Hydration in Advanced Terminal Illness; 835

HYPERTROPHIC SCAR
What's New in General Surgery: Burns and Metabolism; 161

HYSTERECTOMY
Gynecologic Abnormalities in Surgically Treated Women with Stage II or III Rectal Cancer; 315

I

ICD-9-CM CODES
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

IMMUNOLOGY
The Immunologic Response to Injury: Paradigm for Therapeutic Nihilism? (Letter); 103
What's New in Transplantation; 637

INFERIOR VENA CAVA
Ex Vivo Right Trisegmentectomy with Reconstruction of Inferior Vena Cava and "Flop" Reimplantation; 842

INJURY, INHALATION
What's New in General Surgery: Burns and Metabolism; 158

INJURY, TRAUMATIC. SEE WOUNDS AND INJURIES
INNOVATIVE SURGERY
Ethics and Philosophy Lecture: Surgery...Is It an Impairing Profession?; 352

INSULINOMA
Blind Distal Pancreatectomy for Occult Insulinoma, an Inadvisable Procedure; 761

INTENSIVE CARE UNITS
Palliative Care in the Surgical Intensive Care Unit; 75, 108 (Invited Commentary; 83)
Unexpected Findings in Trauma Patients Dying in the Intensive Care Unit: Results of 153 Consecutive Autopsies; 401
Who Should Manage the Dying Patient?: Rescue, Shame, and the Surgical ICU Dilemma; 665

INTERNSHIP AND RESIDENCY
Career Pathways of Graduates of General Surgery Residency Programs: An Analysis of Graduates from 1983 to 1990; 48
Training to Serve Unmet Surgical Needs Worldwide (Letter); 683

INTESTINAL TRANSPLANTATION
What's New in Transplantation; 639

K

KIDNEY
Cardiorenal Effects of Adenosine Subtype 1 (A_1) Receptor Inhibition in an Experimental Model of Heart Failure; 603
The Ideal Living Donor Nephrectomy: "Mini-Nephrectomy" Through a Posterior Transcostal Approach; 240
Is Contrast as Bad as We Think? Renal Function after Angiographic Embolization of Injured Patients; 142
Renal Ablation (Letter); 686
Renal Autotransplantation for Renovascular Hypertension: Extraperitoneal Renal Approach and Use of the Ovarian Vein for Vascular Reconstruction; 88
Transplantation of Crossed Fused Ectopic Kidneys into a Single Recipient; 147
What's New in Transplantation; 639

L

LABORATORY FINDINGS
The Predictive Value of Laboratory Findings in Patients with Primary Hyperparathyroidism; 126, 254

LAPAROSCOPY
An Improved, Inexpensive, Quick, and Easily Learned Technique for Closure of All Large Abdominal Trocar Wounds after Laparoscopic Procedures; 391
Factors Associated with Conversion to Laparotomy in Patients Undergoing Laparoscopic Appendectomy; 298
Laparoscopic Herniorrhaphy: Beyond the Learning Curve (Collective Review); 65
Laparoscopic Repair of Paraostomy Hernias: Early Results; 232
Laparoscopic Ventral and Incisional Hernia Repair: A Simplified Method of Mesh Placement; 93
Systemic Stress Response after Laparoscopic and Open Gastric Bypass; 557, 701 (Invited Commentary; 566) (Reply; 566)

LIVER
Disseminated Hepatic Candidiasis; 231
Endotoxin Potentiates Hepatocyte Apoptosis in Cholestasis; 731
Ex Vivo Right Trisegmentectomy with Reconstruction of Inferior Vena Cava and "Flop" Reimplantation; 842
Hepatic Brucelloma (Image); 86
Intravascular Hemolysis from a *Clostridium perfringens* Liver Abscess (Image); 387
Portal Vein Reconstruction in Right Lobe Living-Donor Liver Transplantation; 96
What's New in Transplantation; 639

LIVER NEOPLASMS
Intrahepatic Cholangiocarcinoma (Letter); 550
Radiofrequency Ablation of Unresectable Primary Liver Cancer (Collective Review); 813 (Invited Commentary; 826)
Selection Criteria for Hepatic Resection in Patients with Large Hepatocellular Carcinoma Larger than 10 cm in Diameter; 592, 701

LOWER EXTREMITY
What's New in Vascular Surgery; 176

LUNG TRANSPLANTATION
Non-Anti-Galα1-3Gal Antibody Mechanisms Are Sufficient to Cause Hyperacute Lung Dysfunction in Pulmonary Xenotransplantation; 765
What's New in Transplantation; 638

LYMPH NODES
Does Breast Tumor Location Influence Success of Sentinel Lymph Node Biopsy?; 278
Lymphscintigraphic Anatomy of Sentinel Lymphatic Channels (Letter); 846
Surgical Approach to Internal Mammary Lymph Node Biopsy (Letter); 685

LYMPHATIC SYSTEM
Breast Lymphatic Mapping Using Blue Dye and Radiocolloid (Letter); 681

M

MALABSORPTIVE PROCEDURES
Overview of Bariatric Surgery; 367

MAMMILLARY FISTULA
Mammillary Fistula as a Manifestation of Acne Inversa (Hidradenitis Suppurativa): Report of Two Cases (Collective Review); 829

MECHANICAL SYSTEMS
Microelectrical Mechanical Systems in Surgery and Medicine; 463

MELANOMA
Primary Melanoma of the Esophagus (Image); 840

MESENTERIC ISCHEMIA
Percutaneous Transluminal Angioplasty and Stenting in the Treatment of Chronic Mesenteric Ischemia: Results and Longterm Followup; S22
What's New in Vascular Surgery; 189

MIDDLE AORTIC SYNDROME
Middle Aortic Syndrome: Distal Thoracic and Abdominal Coarctation: A Disorder with Multiple Etiologies; 774

MORTALITY
Predictors of Mortality in Adult Trauma Patients: The Physiologic Trauma Score Is Equivalent to the Trauma and Injury Severity Score; 695

MOVEMENT DISORDERS
What's New in Neurological Surgery; 784

MYOCARDIAL PROTECTION
What's New in Cardiac Surgery; 617

N

NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM (NSQIP)
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

NECK MASSES
Thyroglossal Duct: A Review of 55 Cases; 274

NEOADJUVANT THERAPY
Assessing the Predictive Value of Clinical Complete Response to Neoadjuvant Therapy for Rectal Cancer: An Analysis of 488 Patients; 131
Transanal Excision of Locally Advanced Rectal Cancers Downstaged Using Neoadjuvant Chemoradiotherapy; 584 (invited Commentary; 590) (Reply; 591)

NEPHRECTOMY
The Ideal Living Donor Nephrectomy: "Mini-Nephrectomy" Through a Posterior Transcostal Approach; 240

NERVE DENERVATION AND DEVELOPMENT
What's New in Plastic Surgery; 331

NEUROENDOVASCULAR PROCEDURES
What's New in Neurological Surgery; 785

NEUROONCOLOGY
What's New in Neurological Surgery; 783

NEUROPATHIC PAIN
Palliative Care by the Surgeon: How to Do It; 510

NON-ANTI GAL MECHANISMS
Non-Anti-Galα1-3Gal Antibody Mechanisms Are Sufficient to Cause Hyperacute Lung Dysfunction in Pulmonary Xenotransplantation; 765

O

OPTIC NERVE
Perioperative Risk Factors for Posterior Ischemic Optic Neuropathy; 705

P

PAIN MANAGEMENT
Palliative Care by the Surgeon: How to Do It; 511
What's New in General Surgery: Burns and Metabolism; 161
What's New in Neurological Surgery; 785

PALLIATIVE CARE
Management of Dyspnea at the End of Life: Relief for Patients and Surgeons; 377, 400
Palliative Care by the Surgeon: How to Do It; 509
Palliative Care in the Surgical Intensive Care Unit; 75, 108 (Invited Commentary; 83)
The Paradox of Hydration in Advanced Terminal Illness; 835
The Role of Tube Feeding and Total Parenteral Nutrition in Advanced Illness; 225 (Invited Commentary; 228)
Statement on Principles Guiding Care at the End of Life; 74, 224, 376, 508, 664, 834
Who Should Manage the Dying Patient?: Rescue, Shame, and the Surgical ICU Dilemma; 665

PANCREAS
Blind Distal Pancreatectomy for Occult Insulinoma, an Inadvisable Procedure; 761
Early Debridement for Necrotizing Pancreatitis: Is It Worthwhile?; 740 (Invited Commentary; 744) (Reply; 745)
Permeability and Functionality of Pancreaticogastrostomy after Pancreaticoduodenectomy with Dynamic Magnetic Resonance Pancreatography after Secretin Stimulation; 454
Prospective Trial of a Blood Supply-Based Technique of Pancreaticojejunostomy: Effect on Anastomotic Failure in the Whipple Procedure; 746 (Invited Commentary; 759) (Reply; 760)

PARATHYROID GLANDS
The Predictive Value of Laboratory Findings in Patients with Primary Hyperparathyroidism; 126, 254

PEDIATRIC SURGERY
Managing Pediatric Solid Organ Injury (Letter); 394
Removal of Chest Tubes in Children Without Water Seal after Elective Thoracic Procedures: A Randomized Prospective Study; 411
Well-Differentiated Thyroid Carcinoma in Hong Kong Chinese Patients under 21 Years of Age: A 35-Year Experience; 721
What's New in Neurological Surgery; 784

PELVIC FLOOR
Obturator Hernia (Collective Review); 657

PELVIC INJURIES
The Utility of Clinical Examination in Screening for Pelvic Fractures in Blunt Trauma; 121

PERIOPERATIVE CARE
Perioperative Risk Factors for Posterior Ischemic Optic Neuropathy; 705
What's New in Vascular Surgery; 186

PERIPHERAL NERVE
What's New in Neurological Surgery; 784

PERIPHERAL VASCULAR DISEASE
Combination Therapy in Peripheral Vascular Disease: The Rationale of Using Both Thrombolytic and Antiplatelet Drugs; S103

PITUITARY GLAND
What's New in Neurological Surgery; 783

PLASTIC SURGERY
What's New in Plastic Surgery; 324

POLYMORPHISMS
The Frequency and Effects of Cytochrome P450 (CYP) 2C9 Polymorphisms in Patients Receiving Warfarin; 267

PORTAL HYPERTENSION
Bleeding Esophagogastric Varices from Extrahepatic Portal Hypertension: 40 Years' Experience with Portal-Systemic Shunt; 717 (Invited Commentary; 728) (Reply; 729)

POSTOPERATIVE COMPLICATIONS
Complications after Colorectal Surgery Without Mechanical Bowel Preparation; 40
Early Complications after Ivor Lewis Subtotal Esophagectomy with Two-Field Lymphadenectomy: Risk Factors and Management; 285
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399
Optimizing the Use of Blood Cultures in the Febrile Postoperative Patient (Collective Review); 477, 555

PREGNANCY
Multidisciplinary Management of Breast Cancer Concurrent with Pregnancy (Collective Review); 54
Radiation Doses in Pregnant Women (Letter); 100

PREOPERATIVE RISK FACTORS
Complications after Colorectal Surgery Without Mechanical Bowel Preparation; 40
Factors Associated with Conversion to Laparotomy in Patients Undergoing Laparoscopic Appendectomy; 298
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

PROPHYLAXIS
Topical Perioperative Antibiotic Prophylaxis for Minor Clean Inguinal Surgery; 407

Q

QUALITY IMPROVEMENT, SURGICAL
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257

R

RADIATION INJURY
What's New in Plastic Surgery; 331

RADIOSURGERY
What's New in Neurological Surgery; 784

RADIOTHERAPY
Radiofrequency Ablation of Unresectable Primary Liver Cancer (Collective Review); 813 (Invited Commentary; 826)
Transanal Excision of Locally Advanced Rectal Cancers Downstaged Using Neoadjuvant Chemoradiotherapy; 584 (Invited Commentary; 590) (Reply; 591)

RENAL FUNCTION
Cardiorenal Effects of Adenosine Subtype 1 (A_1) Receptor Inhibition in an Experimental Model of Heart Failure; 603
Is Contrast as Bad as We Think? Renal Function after Angiographic Embolization of Injured Patients; 142

RESTRICTIVE PROCEDURES
Overview of Bariatric Surgery; 367

S

SARCOMA, BONE
Limb-Sparing Resections of the Shoulder Girdle; 423

SARCOMA, SOFT TISSUE
Completely Resected Recurrent Soft Tissue Sarcoma: Primary Anatomic Site Governs Outcomes; 436

SEIZURE
What's New in Neurological Surgery; 784

SENTINEL LYMPH NODES
Does Breast Tumor Location Influence Success of Sentinel Lymph Node Biopsy?; 278
Lymphscintigraphic Anatomy of Sentinel Lymphatic Channels (Letter); 846

SEPSIS
Endotoxin Potentiates Hepatocyte Apoptosis in Cholestasis; 731

SHOULDER
Limb-Sparing Resections of the Shoulder Girdle; 423

SISTRUNK'S PROCEDURE
Thyroglossal Duct: A Review of 55 Cases; 274

SKIN CANCER
What's New in Plastic Surgery; 332

SPACE MEDICINE
A Review of Surgical Care in Space (Collective Review); 802

SPINE
What's New in Neurological Surgery; 784

SPIRITUALITY
Spirituality in Surgical Practice; 642

SPLEEN
Managing Pediatric Solid Organ Injury (Letter); 394
Nonparasitic Splenic Cysts: Pathogenesis, Classification, and Treatment; 306

STATISTICAL MODELS
Predictors of Mortality in Adult Trauma Patients: The Physiologic Trauma Score Is Equivalent to the Trauma and Injury Severity Score; 695

STROKE
Endovascular Treatment of Acute Stroke; S15

SURGICAL EDUCATION
Career Pathways of Graduates of General Surgery Residency Programs: An Analysis of Graduates from 1983 to 1990; 48
Training to Serve Unmet Surgical Needs Worldwide (Letter); 683
What's New in Neurological Surgery; 782

SURGICAL QUALITY IMPROVEMENT
Identifying Patient Preoperative Risk Factors and Postoperative Adverse Events in Administrative Databases: Results from the Department of Veterans Affairs National Surgical Quality Improvement Program; 257, 399

T

THORACIC PROCEDURES
Removal of Chest Tubes in Children Without Water Seal after Elective Thoracic Procedures: A Randomized Prospective Study; 411

THROMBOLYTIC THERAPY
Combination Therapy in Peripheral Vascular Disease: The Rationale of Using Both Thrombolytic and Antiplatelet Drugs; S103
Thrombolytic Therapy for Acute Arterial Occlusion; S32

THYROID
Minithyroidectomy: A Critical Appraisal (Letter); 99
Thyroglossal Duct: A Review of 55 Cases; 274
Trial of Autotransplantation of Cryopreserved Thyroid Tissue for Postoperative Hypothyroidism in Patients with Graves' Disease; 14
Video-Assisted Thyroidectomy; 610
Well-Differentiated Thyroid Carcinoma in Hong Kong Chinese Patients under 21 Years of Age: A 35-Year Experience; 721

TISSUE ENGINEERING
What's New in Plastic Surgery; 330

TOTAL PARENTERAL NUTRITION
The Role of Tube Feeding and Total Parenteral Nutrition in Advanced Illness; 225 (Invited Commentary; 228)

TRACHEA
Tracheal Agenesis (Collective Review); 217

TRANSMYOCARDIAL REVASCULARIZATION
What's New in Cardiac Surgery; 623

TRANSPLANTATION
The Ideal Living Donor Nephrectomy: "Mini-Nephrectomy" Through a Posterior Transcostal Approach; 240
Non-Anti-Galα1-3Gal Antibody Mechanisms Are Sufficient to Cause Hyperacute Lung Dys-

function in Pulmonary Xenotransplantation; 765
Portal Vein Reconstruction in Right Lobe Living-Donor Liver Transplantation; 96
Transplantation of Crossed Fused Ectopic Kidneys into a Single Recipient; 147
What's New in Plastic Surgery; 324
What's New in Transplantation; 636

TRAUMA. SEE WOUNDS AND INJURIES
TROCAR WOUNDS
An Improved, Inexpensive, Quick, and Easily Learned Technique for Closure of All Large Abdominal Trocar Wounds after Laparoscopic Procedures; 391

TUBE FEEDING
The Role of Tube Feeding and Total Parenteral Nutrition in Advanced Illness; 225 (Invited Commentary; 228)

TUMORIGENESIS
The Frequency and Effects of Cytochrome P450 (CYP) 2C9 Polymorphisms in Patients Receiving Warfarin; 267

U

ULTRASONOGRAPHY
Percutaneous Ultrasound-Guided Thrombin Injection for the Treatment of Pseudoaneurysms; S53

V

VAGUS NERVE
Glomus Vagale: Paraganglioma of the Vagus Nerve (Image); 540

VALVULAR HEART DISEASE
What's New in Cardiac Surgery; 623

VARICEAL BLEEDING
Devascularizations in Portal Hypertension (Letter); 247
Modified Sugiura Procedure (Letter); 247

VASCULAR DISORDERS
Combination Therapy in Peripheral Vascular Disease: The Rationale of Using Both Thrombolytic and Antiplatelet Drugs; S103
Surgical Bypass for Subclavian Vein Occlusion in Hemodialysis Patients; 416

VASCULAR PROCEDURES. SEE ALSO ENDOVASCULAR PROCEDURES
What's New in Vascular Surgery; 181

VENOUS DISORDERS
What's New in Vascular Surgery; 181

VIDEO-ASSISTED SURGERY
Video-Assisted Thyroidectomy; 610

W

WARFARIN
The Frequency and Effects of Cytochrome P450 (CYP) 2C9 Polymorphisms in Patients Receiving Warfarin; 267

WHAT'S NEW IN SURGERY
Cardiac Surgery; 617
General Surgery: Burns and Metabolism; 156
General Surgery: Trauma and Critical Care; 335
Neurological Surgery; 782
Orthopaedic Surgery; 788
Plastic Surgery; 324
Transplantation; 636
Vascular Surgery; 165

WHIPPLE PROCEDURE
Prospective Trial of a Blood Supply-Based Technique of Pancreaticojejunostomy: Effect on Anastomotic Failure in the Whipple Procedure; 746 (Invited Commentary; 759) (Reply; 760)

WOUND HEALING
What's New in Plastic Surgery; 327

WOUNDS AND INJURIES
An Improved, Inexpensive, Quick, and Easily Learned Technique for Closure of All Large Abdominal Trocar Wounds after Laparoscopic Procedures; 391
Endotoxin Potentiates Hepatocyte Apoptosis in Cholestasis; 731
Is Contrast as Bad as We Think? Renal Function after Angiographic Embolization of Injured Patients; 142
Predictors of Mortality in Adult Trauma Patients: The Physiologic Trauma Score Is Equivalent to the Trauma and Injury Severity Score; 695
Traumatic Carotid Cavernous Fistula (Image); 841
Unexpected Findings in Trauma Patients Dying in the Intensive Care Unit: Results of 153 Consecutive Autopsies; 401
The Utility of Clinical Examination in Screening for Pelvic Fractures in Blunt Trauma; 121
What's New in General Surgery: Trauma and Critical Care; 335
What's New in Neurological Surgery; 784

X

XENOTRANSPLANTATION
Non-Anti-Galα1-3Gal Antibody Mechanisms Are Sufficient to Cause Hyperacute Lung Dysfunction in Pulmonary Xenotransplantation; 765

Z

ZERO-GRAVITY SURGERY
A Review of Surgical Care in Space (Collective Review); 802